APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

An Apparatus for the Measurement of Natural and Artificial β-Activity of the Air, by Reinhard Siemann, 10 pp.

GERMAN, per, Beitrage zur Physik der Atmosphare, Vol. XXXV, 1962, pp 79-86.

Navy Dr 3128/NRL 2577

Encl - Figs
Jul 63

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

The Chemical Effects of Nuclear Transformations of Polyvalent Atoms in Organic Liquids, by K. E. Sierkierska, A. Helpem, 6 pp.

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AEC Tr-4164

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

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Chloro-Uranyl Complex Formation in Isopropyl Alcohol, by S. Minc, M. Sieklerska, 5 pp.

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AEC-Tr-4150

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

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Separation of the Various Oxidation States of Plutonium by Reversed-Phase Partition Chromatography, by R. Gwozdz, S. Siekierski, 5 pp.

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AEC Tr-4164

Sci

Jan 63 220,606

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(MY-6430)

AGRICULTURAL CENTERS FOR AGRICULTURAL CIRCLES, BY W. SIERIERZUCKI, 8 PP.

POLISH, PER, ZYCIE ROLNICZE, VOL XVII, NO 7, 1961, PP 3-7.

JPRS 12948

EEUR - POLAND
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MAR 62

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

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Sielemann, K.
A MODERN TWO-STAGE WEB BLEACHING PLANT AND ITS APPLICATION POSSIBILITIES FOR A COMBINED SODIUM CHLORITE BLEACH (Eine Moderne Zweistufige Stranghleichanlage und ihre Einsatzmöglichkeiten für eine Kombinierte Natriumchloritbleiche). [1962] [10]p. (foreign text included).
Order from SLA $1.10 62-20201

Trans. of SVF-Fachorgan [für Textilveredlung] (Switzerland) 1962, v. 17, no. 1, p. 67-71.

DESCRIPTORS: *Bleaching agents, Sodium compounds, *Chlorites, *Peroxides, Machines, Industrial plants, Textile industry.

(Materials--Textiles, TT, v. 9, no. 12)

62-20201

I. Sielemann, K.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

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LONG- RANGE MECHANIZATION PROGRAM, BY WLADYSLAW DUDZINSKI, ANATOL SIELEZNIEW, 6 PP.

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JPRS 16421

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JPRS CSO: DC-15168

J-1995/67

EEur - Poland
Pol
Jun 67

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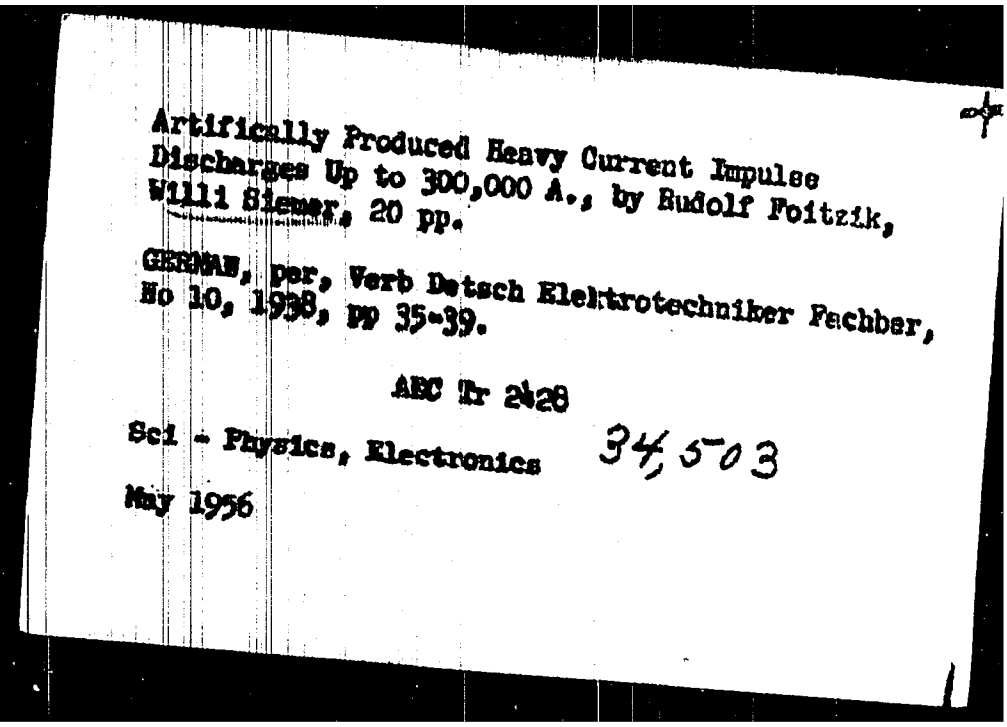
APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7



Artificially Produced Heavy Current Impulse Discharges Up to 300,000 A., by Rudolf Foitzik, Willi Siemer, 20 pp.

GERMAN, per, Verb Dotsch Elektrotechniker Fachber, No 10, 1938, pp 35-39.

ABC Tr 2428

Sci - Physics, Electronics 34,503

May 1956

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

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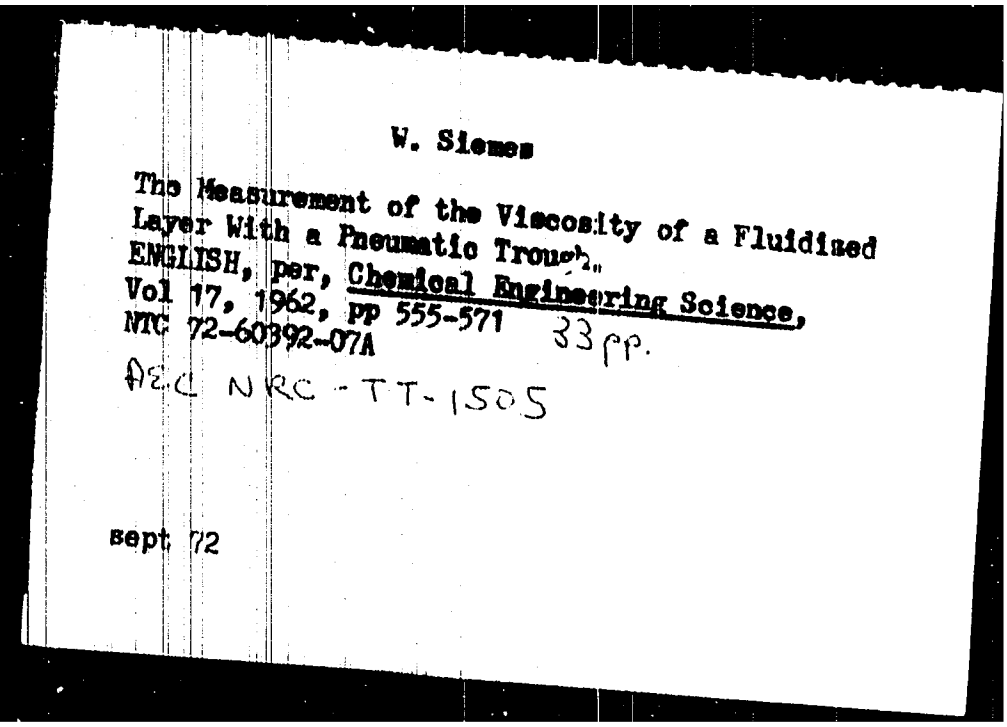

W. Siemes

The Measurement of the Viscosity of a Fluidized Layer With a Pneumatic Trough.
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Vol 17, 1962, pp 555-571 33 pp.
NTC 72-60392-07A
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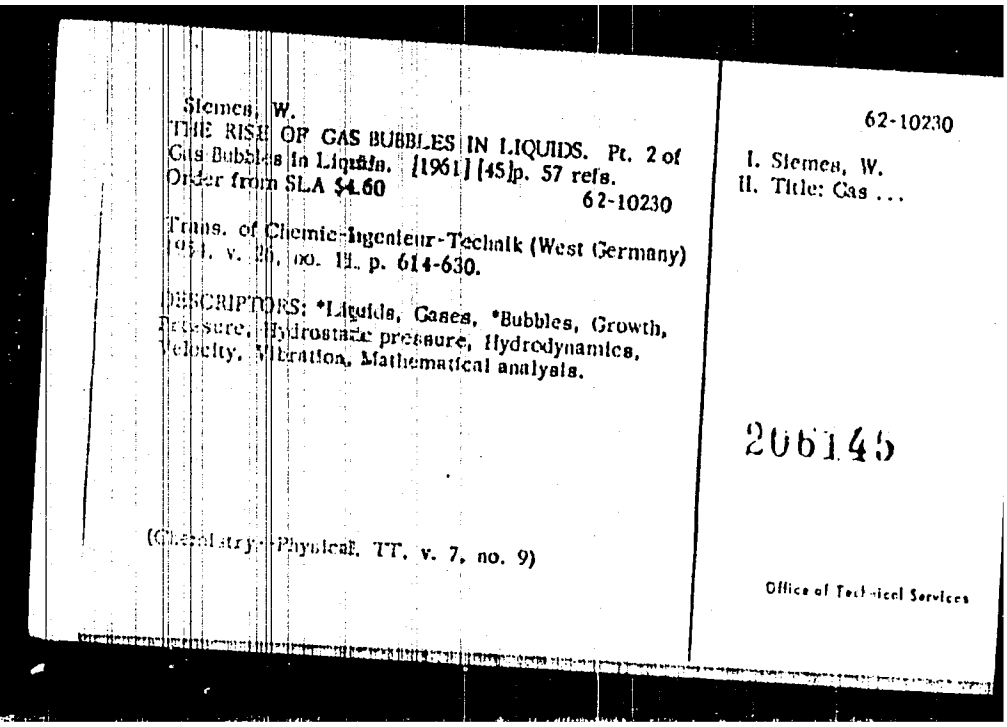


Siemes, W.
THE RISE OF GAS BUBBLES IN LIQUIDS. Pt. 2 of Gas Bubbles in Liquids. [1961] [45]p. 57 refs.
Order from SLA $4.60
62-10230

Trans. of Chemie-Ingenieur-Technik (West Germany) 1961, v. 29, no. 11, p. 614-630.

DESCRIPTORS: *Liquids, Gases, *Bubbles, Growth, Pressure, Hydrostatic pressure, Hydrodynamics, Velocity, Vibration, Mathematical analysis.

(Clearinghouse Physical TT, v. 7, no. 9)

62-10230

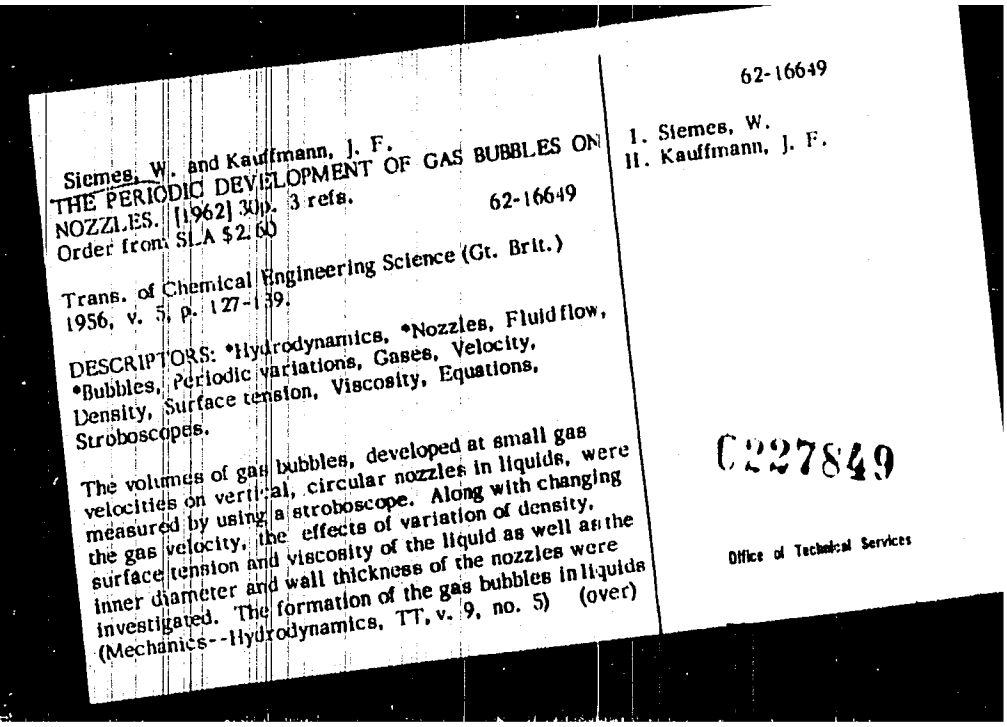
I. Siemes, W.
II. Title: Gas ...

206145

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7



Siemes, W. and Kauffmann, J. F.
THE PERIODIC DEVELOPMENT OF GAS BUBBLES ON NOZZLES. [1962] 30p. 3 refs.
Order from: SLA $2.60

62-16649

Trans. of Chemical Engineering Science (Gt. Brit.)
1956, v. 5, p. 127-139.

DESCRIPTORS: *Hydrodynamics, *Nozzles, Fluid flow, *Bubbles, Periodic variations, Gases, Velocity, Density, Surface tension, Viscosity, Equations, Stroboscopes.

The volumes of gas bubbles, developed at small gas velocities on vertical, circular nozzles in liquids, were measured by using a stroboscope. Along with changing the gas velocity, the effects of variation of density, surface tension and viscosity of the liquid as well as the inner diameter and wall thickness of the nozzles were investigated. The formation of the gas bubbles in liquids (over)
(Mechanics--Hydrodynamics, TT, v. 9, no. 5)

62-16649

I. Siemes, W.
II. Kauffmann, J. F.

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Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

of high and low viscosity was found to follow two different mechanisms. Two empirical equations based on the results obtained for the two ranges of viscosities were developed which permit calculation of the volumes of gas bubbles formed under these variable conditions. (Author)

PB-

62-16649

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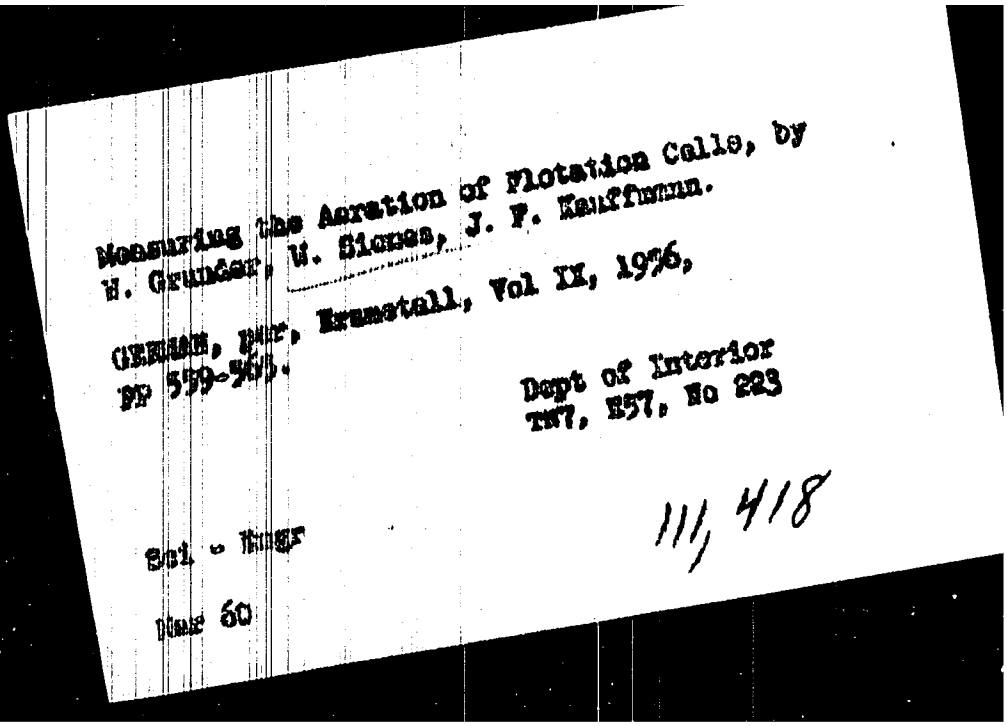

Measuring the Aeration of Flotation Cells, by
H. Grundar, W. Simons, J. F. Kauffmann.

GERMAN, Bhr, Erzmetall, Vol IX, 1956,
pp 599-605.

Dept of Interior
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Sol - Miner

Dec 60

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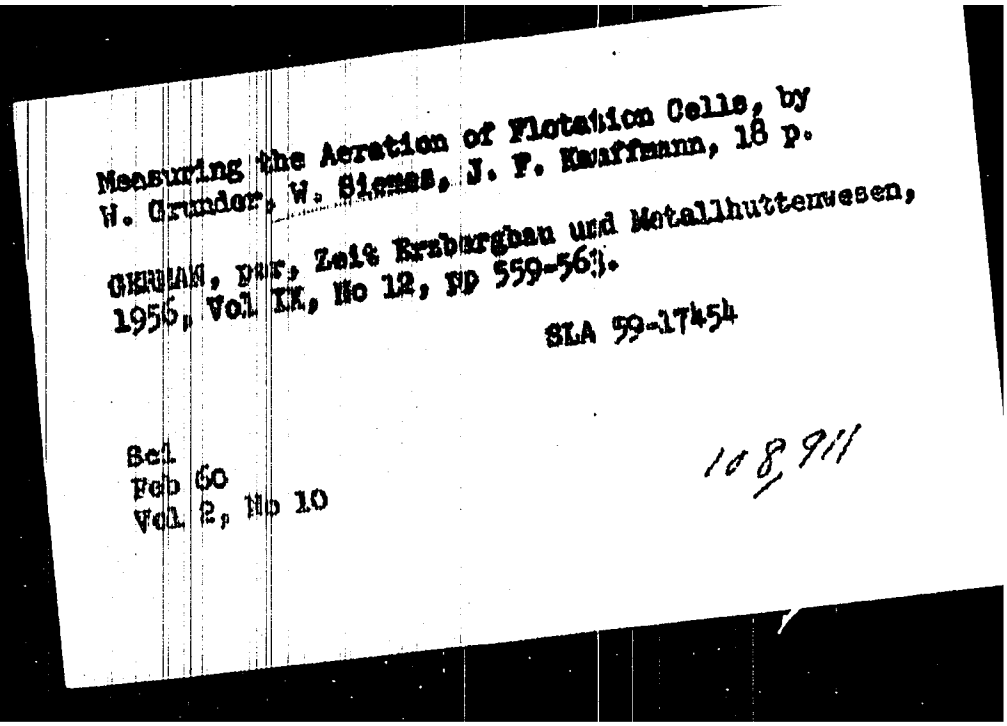

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W. Grunder, W. Siemas, J. F. Kauffmann, 18 p.

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1956, Vol IX, No 12, pp 559-563.

SLA 99-17454

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Feb 60
Vol 2, No 10

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Gas Bubbles in Liquids, by W. Siemes,
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1954, pp 479-496.

CIA/Z-257

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Sci - Physics
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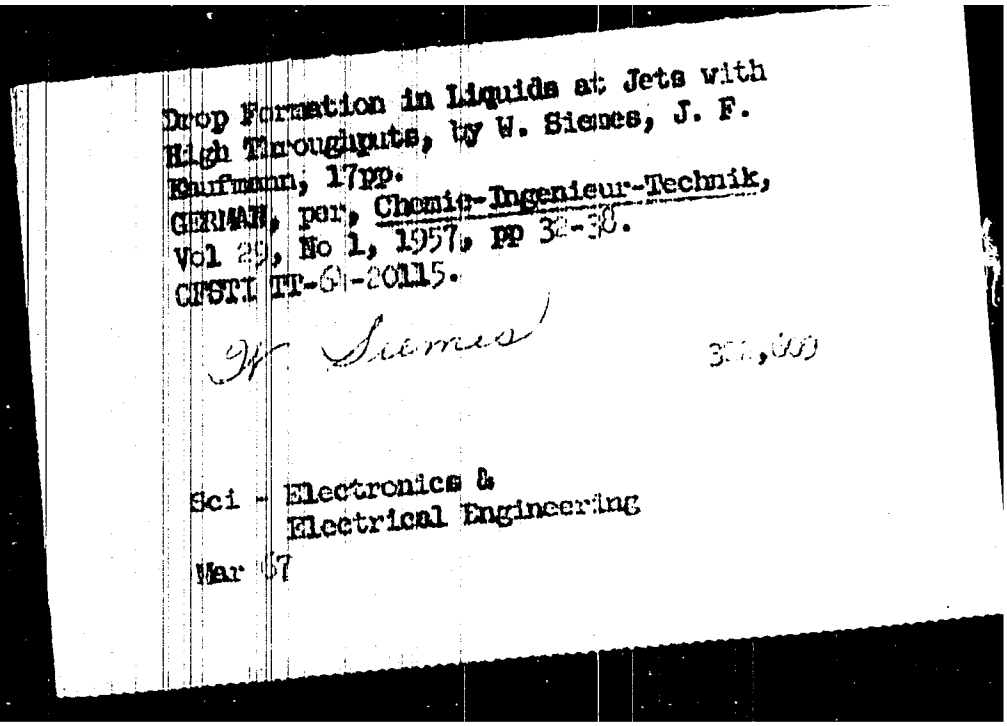

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High Throughputs, by W. Siemes, J. F.
Kaufmann, 17pp.
GERMAN, per, Chemie-Ingenieur-Technik,
Vol 29, No 1, 1957, pp 32-38.
CFSTI TT-61-20115.

W. Siemes

Sci - Electronics &
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Mar 67

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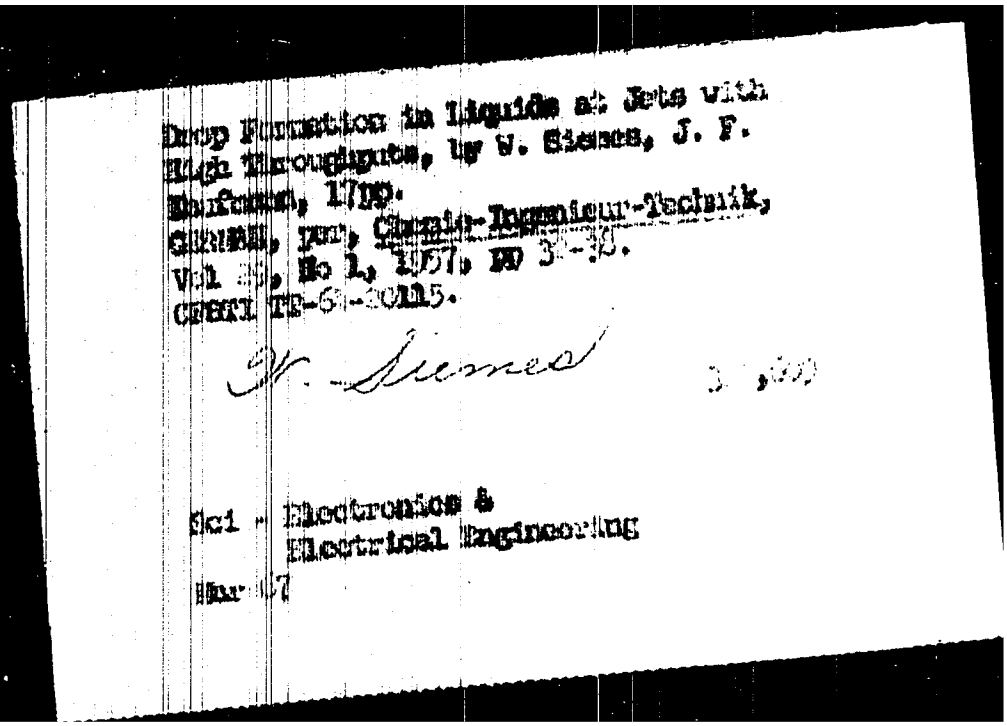
APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7



Drop Formation in Liquids at Jets with
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Bonfanti, 1959.
Chemie-Ingenieur-Technik,
Vol [illegible], No 1, 1957, pp 3-[illegible].
CENTRL TR-6-[illegible]5.

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Sci - Electronics &
Electrical Engineering

Hwr 57

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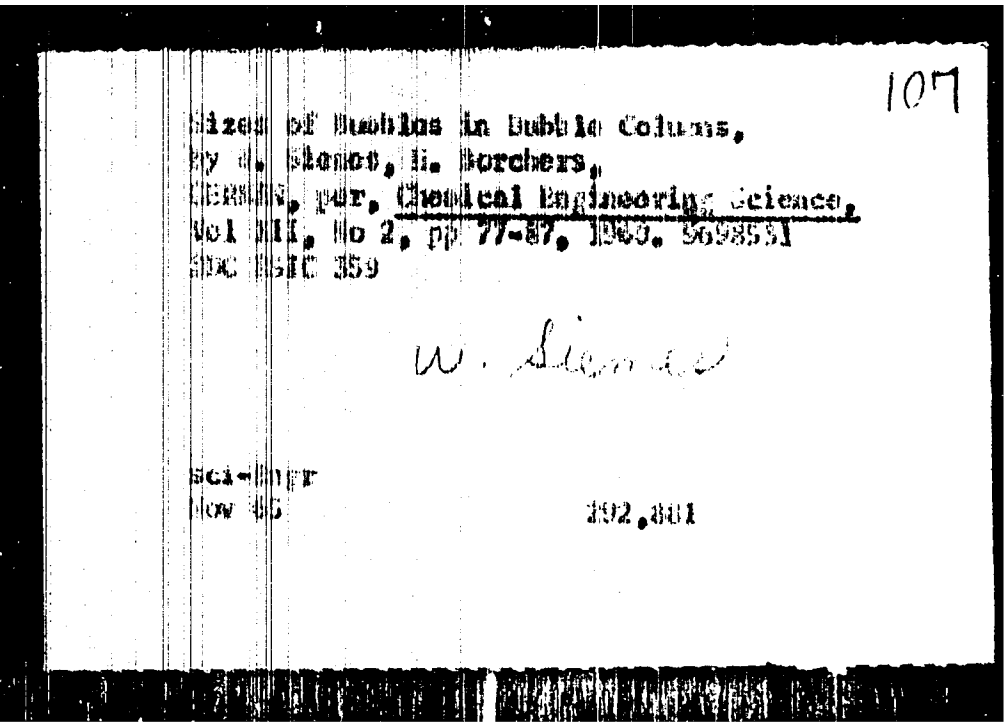

107

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by A. Blanc, H. Borchers,
[illegible], par, Chemical Engineering Science,
Vol VII, No 2, pp 77-87, 1960. 5698551
[illegible] 359

W. Slemmer

Sci-Engr
Dow 46 392,881

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Metals Plant, in Tomasza Dabala, in Nowy Dab,
by Jerzy Siemianowski.

POLISH, per, Przeglad Mechaniczny, No 19/20, 1961,
pp 594-596.

ACSI I-1430-A
ID 2198543

EEur - Poland
Econ
Sci - Min/Metal
18 Sept 62

211, 050

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Rocketa Designed by K. Sienienovicz, 3 pp.

POLISH, np, Skrzydlata Polska, No 47, 1955, p 8.
Encl to IR-1206-57, AFOIN 1A1.

AID/Mar 57

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EEur - Poland
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Navigation After Radio Radiation of Celestial Bodies, by A. Sigmiomov, 4 pp.

POLISH, mp, Zolnierz Wolnosci, 8 May 1956, Encl to MA, Warsaw, 170-56. CIA D 513192

Navy Tr

36,764

Sci - Engineering

Jul 1956

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

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POLISH, per, Zycie Gospodarcze, 22 May 1960, Warsaw, p 3.

FDD Sum 2803

EEur - Poland

Econ

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

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Report on Clinical Experiences with a New Hypnotic, by K. Siemons, 5 pp.

GERMAN, per, Therapie der Gegenwart, Vol XCV, July 1956, pp 260, 261.

SIA Tr 57-1806

Sci

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67,834

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Stresses in Foundations and Foundation Soils, by F. Siemonsen.

GERMAN, Die Bautechnik, Vol 19, No 15, 4 April 1941, pp 159-163.

USA Corps of Engr, Waterways Exper Sta Tr 41-6

Sci - Engineering, hydraulics, naval
Econ - Transportation, river, water

4 11132

Available on loan at Research Center Library

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

Case Report of Sjogren-Syndrome and Purpura Hyperglobulinemia of Waldenstrom, by O. H. Siems, J. G. Rausch-Stroomann, 5 pp.

GERMAN, per, Aerztliche Wochenschrift, Vol X, 1955, pp 647-648.

NIH 12-48

Sci - Med

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Rate of Twinning in Zinc Single Crystals, by No Siems, Peter Haasen, 25 pp.

GERMAN, per, Z fuer Metallkunde, Vol XLIX, 1958 pp 213-220. 9077347

Z AEC T UCRL-Trans-653(L

Sci - Min/Met

Jun 61

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B-935/63

The Direct Measurement of Stacking Fault Energies,
by H. Siems, P. Delavignette, 35 pp

GERMAN, per, Zeitschrift fuer Physik,
Vol CLXV, 1961, pp 502-532.

9.
AFSC/SP-2063
(Special)

Sol - M/M
Oct 63

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

Siemsen, Karl.
METHOD FOR THE PREPARATION OF AQUEOUS, VISCOUS OR LIQUID EMULSIONS, STABLE TO COLD AND BOILING TEMPERATURE, DERIVED FROM FATTY SUBSTANCES OF ANY TYPE. [1960] 8p.
Order from LC or SLA mi$1.80, ph$1.80 60-16052

Trans. of German patent 188,712, issued 4 Sep 07.

(Unannounced)

60-16052

1. Emulsions--Preparation
2. Fatty acids--Processing
I. Siemsen, K.
II. Patent (Germany) 188 712

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

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Temporal Arteritis: A Bloodvessel Disease of interest in the Differential Diagnosis of Pain in and Around the Mandibular, by S. O. Siemssen, 12 pp.

SWEDISH, per, Odontologisk Tidskrift, Vol LX, 1952, pp 314-322.

SLA 60-16934

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15 May 62

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

The Africa-Common Market Association: Alluring Prospect or Deadly Illusion?, by Kouadio Sien-Fani, 9pp
FRENCH, per, Croissance des Jeunes Nations, Paris
No 37, October 1964, pp 4-8
JPRS 27443

Africa
Econ
Jan 65

271,850

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

The Proportion of Steel Scrap in the Charge When Melting Cast Iron in a Cupola Furnace, by H. Siepmann, H. Pacyna, H. W. Hauptvogel.

GERMAN, per, Giesserei, Vol XLVII, No 3 Nov 1960, pp 608-614.

BISI 2416

Sci - Chem

188, 951

Mar 62

List 124

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New Process for the Reduction of Iron Powders, by H. Siegmann

GERMAN, per, Stahl und Eisen, Vol LXXIII, No 6, 1953, pp 360-364.

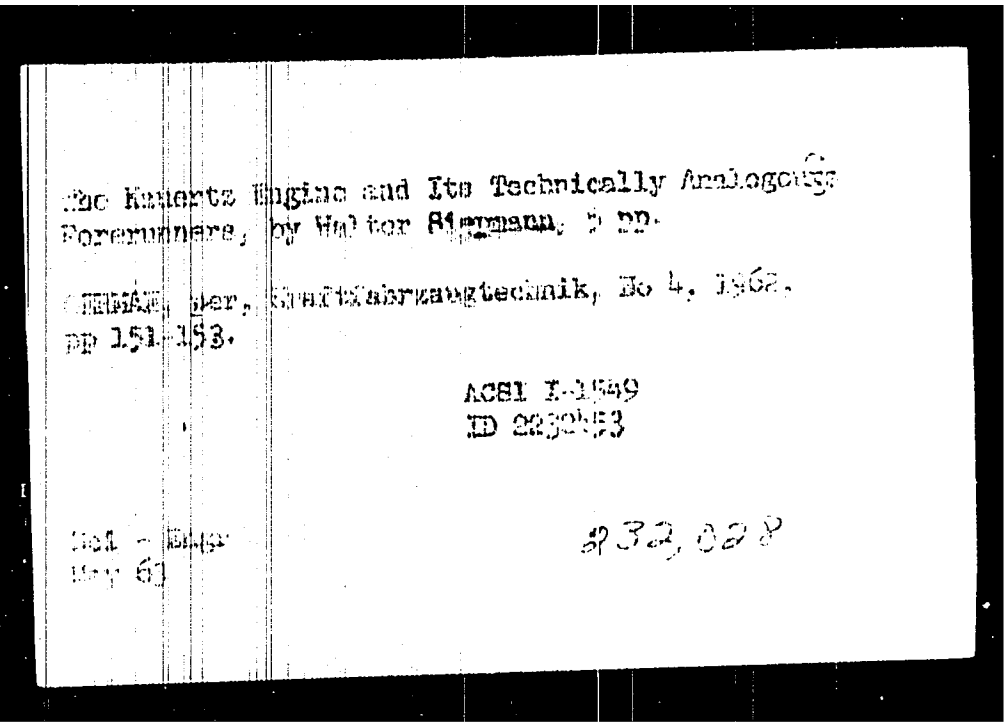
Brutcher Tr 3192

Scientific - Minerals/Metals
CTS/DEK Price $6.40

7851

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7



The Kamens Engine and Its Technically Analogous Forerunners, by Walter Siegmann, 5 pp.

[illegible], Luftfahrttechnik, Bd 4, 1962.
pp 151-153.

ACSI I-1549
ID 2232[illegible]3

Tel - Eng
May 63

A32,028

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

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Halina Szemplinska and D. Shugar, Intracellular Localization of Phosphodiesterase by a Cytochemical Method, by Halina Sierakowska, 14 pp. POLISH, per, Acta Biochimica Polonica, Vol X, No 4, 1963.
OTS 63-11406
PL-480

Sci
May 64 257,327

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Gross Histochemical Localization of Tissue Nuclease Enzymes, by Halina Sierakowska, D. Shugar, 10 pp.

POLISH, per, Acta Biochimica Polonica, Vol VIII, No 4, 1961.

OTS 62-21[illegible]
PL-438

Sci

Mcg 62

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

61-20952

Sierbin, R.
SULFONATION OF BENZENE. [1961] 11p. (6 figs. omitted) 17 refs.
Order from SLA $1.60 61-20952

Trans. of Przemysl Chemiczny (Poland) 1953, v. 9[32] p. 72-76.

DESCRIPTORS: *Benzenes, Sulfonation.

The most commonly employed process of sulfonation of benzene vapor is characterized by high coefficient of utilization of H_2SO_4. Equipment intended for the method of emulsifying liquid benzene may, by modifications requiring only minor investment, be converted for sulfonation of benzene vapor by the Zakharov process. (Author)

(Chemistry--Organic, TT, v. 7, no. 8)

1. Sierbin, R.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301930005-7

(TDD 183[illegible])

Reaction of Agglutination of Bacteria Loaded With Virus, as a Method for Detection of the Viruses and Antibodies in Vitro, by P. G. Sergiev, N. A. Demina, M. E. Rivantseva, 10 pp.

[illegible]SSIAN, mo per, Zhur Mikrobiol, Epidemiol i Immunobiol, No 3, Moscow, Mar 1945, pp 14-17.

CIA/FDD/U-5377

USSR

Sci - Med

Feb 54

10,426

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The Effect of Tertiary Aliphatic Phosphine Derivatives on the Mouse Ascities Carcinoma, by Hans Siering, 6 pp.

GERMANY, per, Arzneimittel-Forschung, Vol X, No 4, 1960, pp 229-234.

SLA 60-16557

Sci
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Studies on the System TBP-$HClO_4$-H_2O, by
S. Sierkierski, R. Gwozdz,
13 pp.

POLISH, per, Nukleonika, Vol V, No 4,
1960, pp 205-217.

AEC XX Tr-4159

Sci

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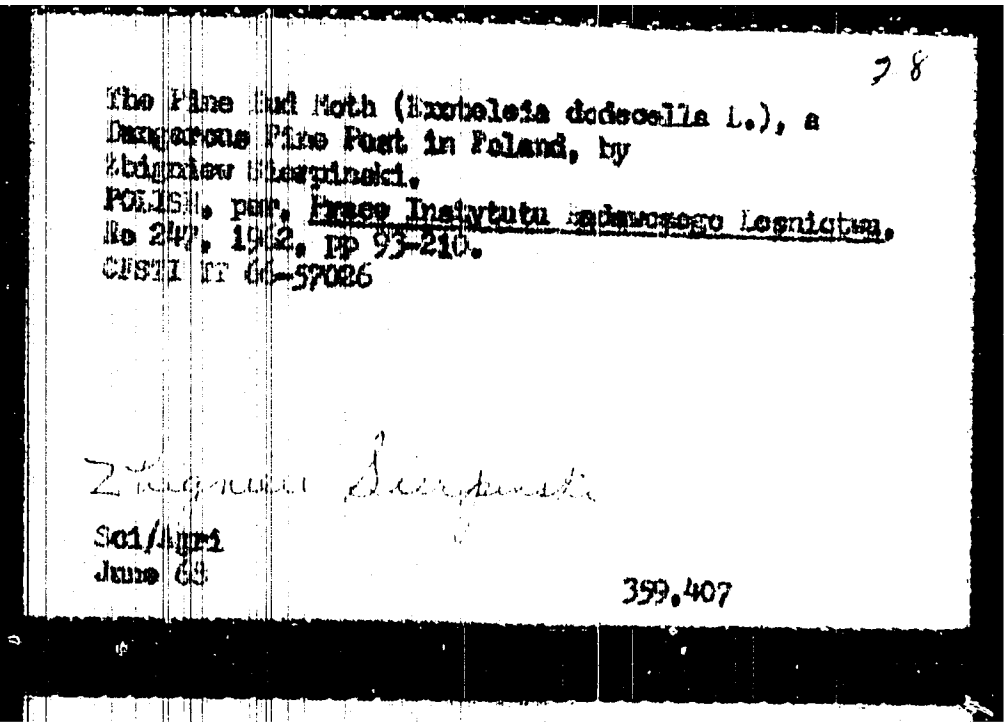

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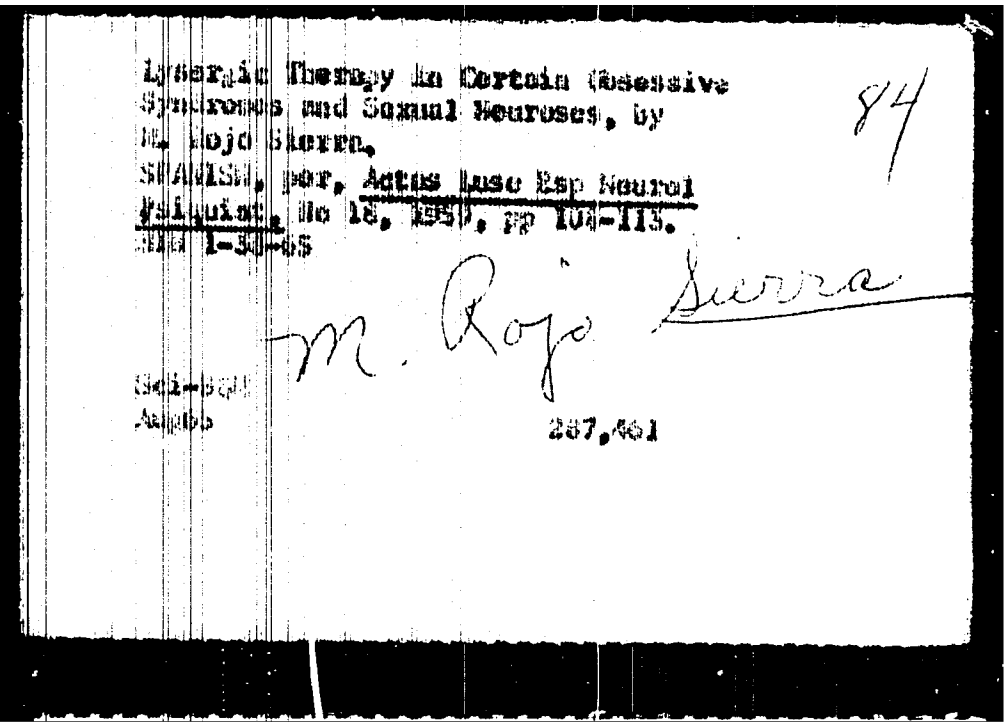

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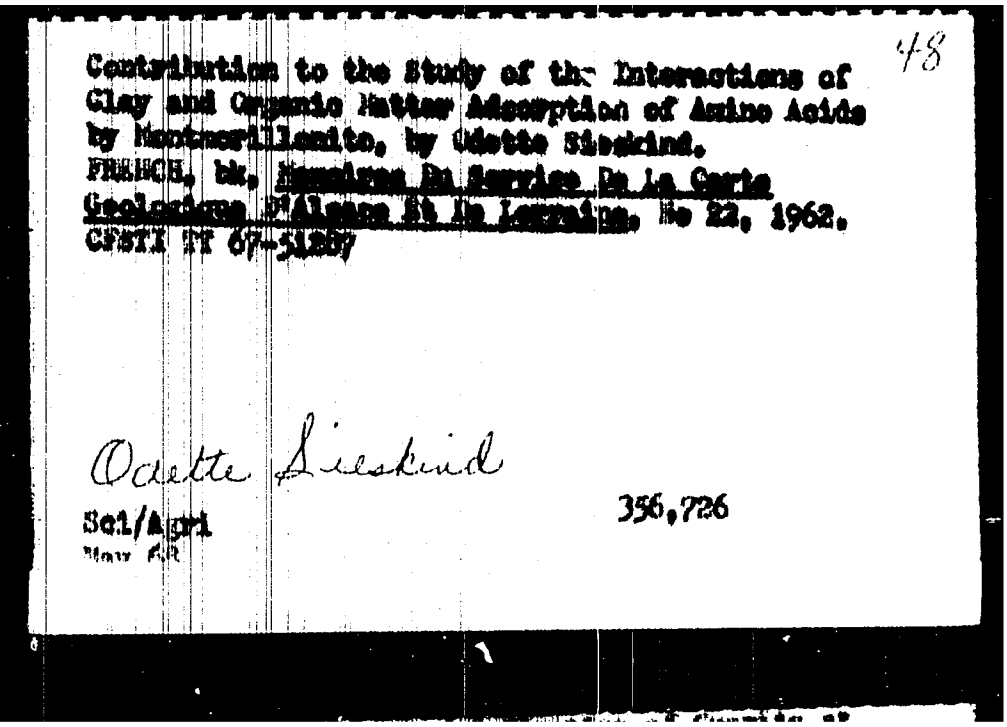

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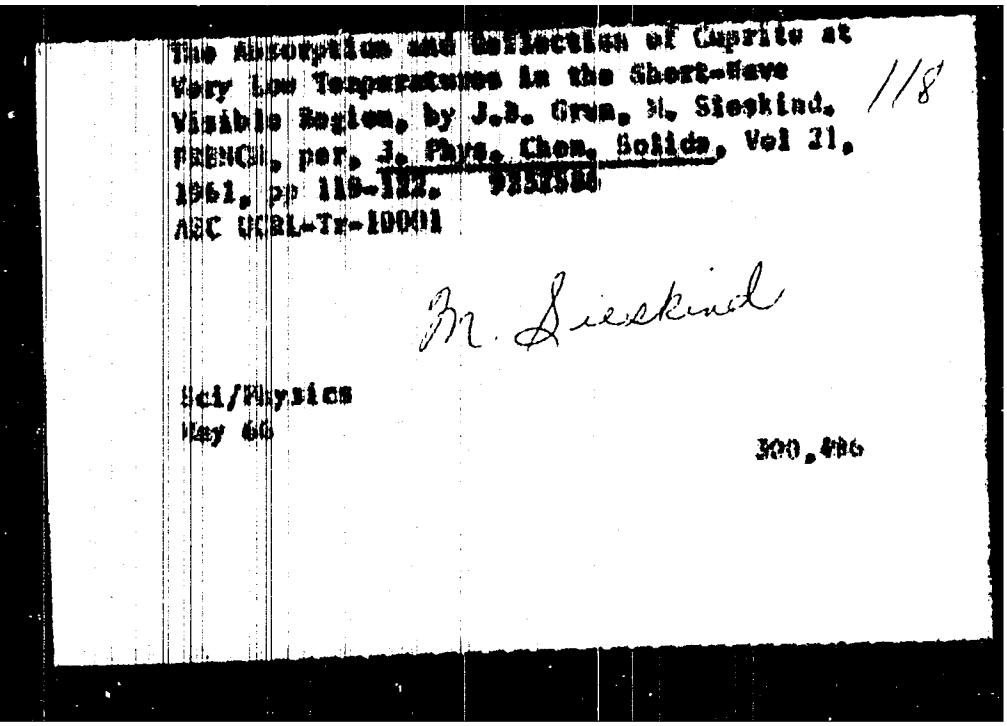

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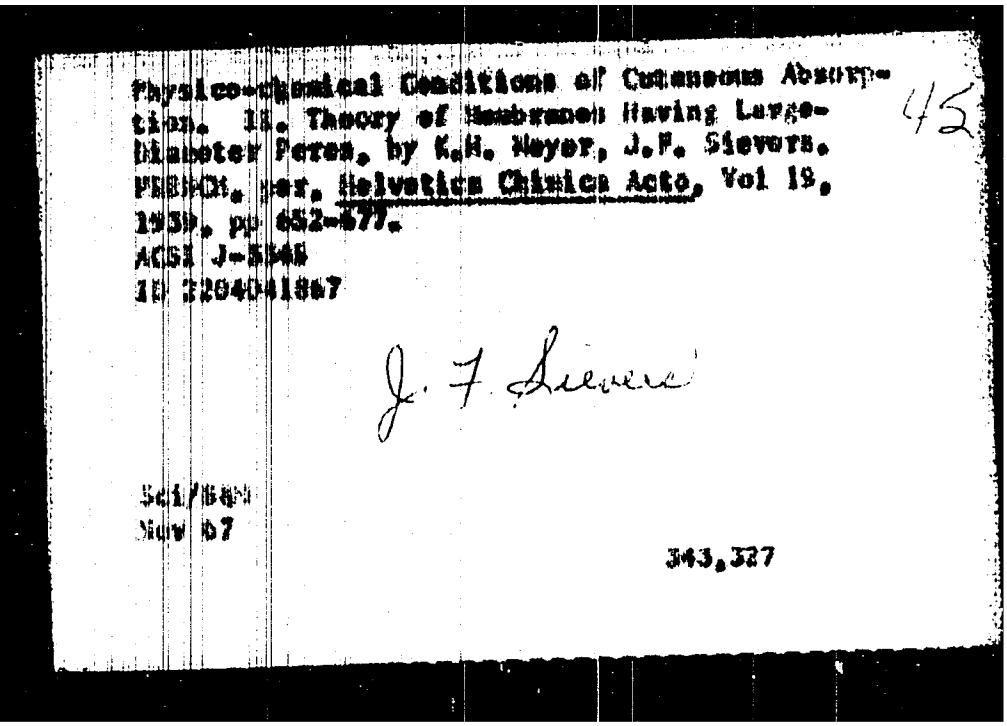

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IE 3204-41867

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Trans. of East Germany patent 24,843, appl. 16 May 60, pub. 5 Mar 63.

DESCRIPTORS: Surfaces, *Radiological contamination, Decontamination

(Nuclear Physics--Radioactivity, TT, v. 10, no. 12)

63-22768

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Sidorov, E. A.
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Trans. of Akad[emiya] Nauk SSSR. Otd[elenie] Tekh-[nicheskikh] Nauk. Izvest[iya]: Mekhanika i Mashino-stroenie, 1959 [no. 5] p. 134-136.

DESCRIPTORS: *Heat transfer, *Convection, *Thermal radiation

Stationary motion is analyzed in a plane of an incompressible liquid (with constant physical characteristics) near a nonisothermic surface.

(Physics--Thermodynamics, TT, v. 8, no. 7)

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